

No new matter

On page 8, in the paragraph beginning on line 19, in line 21, change "0.03" to --0.05".

contradict

orig. cl. 27 and p. 8121

B2

The lubricant of the present invention preferably comprises between approximately 0.01 and 0.25 parts by weight of the total composition. The lubricant more preferably comprises approximately 0.05 and approximately 0.1 parts by weight, and most preferably comprises approximately 0.05 parts by weight.

no new matter

New matter

On page 9, in the paragraph beginning on line 12, in line 13, change "0.3 parts" to --0.03 parts--.

contradict
p. 9 L. 14
orig. cl. 38

B3

The metal deactivator of the present invention preferably comprises up to approximately 0.2 parts by weight of the total composition. The metal deactivator more preferably comprises between approximately 0.005 parts and approximately 0.15 parts by weight, and most preferably approximately 0.03 parts by weight.

On page 14, in the paragraph beginning on line 1, in line 2, insert "a simulation for". On page 14, in line 3, insert "accelerates" and delete therefor --promotes--.

Each sample was heat stressed at 300° F for approximately 10 minutes, then allowed to cool for approximately 10 minutes. The heat stress is a simulation for accelerated aging of the sample. The heat accelerates repolymerization of the fuel, thereby simulating aging. Normally, the fuel would be stored in underground tanks at approximately 55° F over a period of years.

B4

On page 14, line 11, delete "percent transmission" and insert therefore --optical units (o.u.)--. On page 14, line 12, delete "percent" after "48" and insert therefor -- o.u. -- and after "21". On page 14, line 13, delete "percent" after "24" and insert therefor -- optical units --. On page 14, line 13, delete "percent" after "50" and insert therefor --o.u.-- and after "26" and insert therefor --o.u.--. On page 14, line 14, delete

"percent" after "5" and insert therefor -- optical units --. On page 14, line 15, delete "percent" after "48 and insert therefor --o.u.-- and after "43" and insert therefor --o.u.--.

b5
The testing showed a change in opacity for the blank fuel test tube of 27 optical units (o.u.) transmission, having an initial reading of 48 o.u. and an end reading of 21 o.u. The prior art composition showed a change in opacity of 24 optical units, having an initial reading of 50 o.u., and an end reading of 26 o.u. The composition of the present invention showed a change in opacity of 5 optical units, having an initial reading of 48 o.u., and an end reading of 43 o.u. The ΔT , or change in transmission, showed only a minor change in the composition of the present invention. More drastic changes occurred in the compositions of the prior art and blank tests, indicating agglomerations within the fuel in those samples.

In the Claims:

Please amend the claims as follows:

b6
1. (Amended) A fuel additive comprising:
a fuel stabilizer; and
an organometallic compound comprising between approximately 0.0001 and approximately 0.01 parts by weight, said fuel additive having a total part by weight of 1, wherein the resulting concentration level is less than 7.67 ppm in a fuel.

b7
3. (Amended) The fuel additive of claim 2 wherein said high molecular weight amine comprises at least twelve carbon atoms.